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Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Express Mail Label No.

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 39]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
4. Oath or Declaration [Total Pages 2]
- a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d)(2))
(for continuation/divisional with Box 16 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application
see 37 C.F.R. §§ 1.63(d)(2) and 1.133(b)

5. ☐ Microfiche Computer Program (*Appendix*)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
* Small Entity
13. ☐ Statement(s) ☐ Statement filed in prior application
(PTO/SB/09-12) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☒ Other: Letter & Claim Chart

* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/265,363
 Prior application information: Examiner R. Phan Group / Art Unit: 2781

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

☒ *Customer Number or Bar Code Label*

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or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name _____

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Melvin Kraust

Registration No. (Attorney/Agent)

22.466

Signature

Date

Dec. 8, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$1,860.00)

Complete if Known

Application Number
Filing Date December 8, 2000
First Named Inventor Ikuya ARAI, et al
Examiner Name
Group / Art Unit
Attorney Docket No. 520.32696CX4

12/13 U.S. PTO
09/732291

12/08/00

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2135

Deposit Account Name

☐ Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☐ Check ☐ Money Order ☒ Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------|-----------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | 0.00 |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet. | 0.00 |
| 139 130 | 139 130 | Non-English specification | 0.00 |
| 147 2,520 | 147 2,520 | For filing a request for reexamination | 0.00 |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | 0.00 |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | 0.00 |
| 115 110 | 215 55 | Extension for reply within first month | 0.00 |
| 116 380 | 216 190 | Extension for reply within second month | 0.00 |
| 117 870 | 217 435 | Extension for reply within third month | 0.00 |
| 118 1,360 | 218 680 | Extension for reply within fourth month | 0.00 |
| 128 1,850 | 228 925 | Extension for reply within fifth month | 0.00 |
| 119 300 | 219 150 | Notice of Appeal | 0.00 |
| 120 300 | 220 150 | Filing a brief in support of an appeal | 0.00 |
| 121 260 | 221 130 | Request for oral hearing | 0.00 |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | 0.00 |
| 140 110 | 240 55 | Petition to revive - unavoidable | 0.00 |
| 141 1,210 | 241 605 | Petition to revive - unintentional | 0.00 |
| 142 1,210 | 242 605 | Utility issue fee (or reissue) | 0.00 |
| 143 430 | 243 215 | Design issue fee | 0.00 |
| 144 580 | 244 290 | Plant issue fee | 0.00 |
| 122 130 | 122 130 | Petitions to the Commissioner | 0.00 |
| 123 50 | 123 50 | Petitions related to provisional applications | 0.00 |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | 0.00 |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | 0.00 |
| 146 690 | 246 345 | Filing a submission after final rejection (37 CFR § 1.129(a)) | 0.00 |
| 149 690 | 249 345 | For each additional invention to be examined (37 CFR § 1.129(b)) | 0.00 |
| Other fee (specify) | | | 0.00 |
| Other fee (specify) | | | 0.00 |

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------|-----------------------|------------------------|----------|
| 101 690 | 201 345 | Utility filing fee | 710.00 |
| 106 310 | 206 155 | Design filing fee | |
| 107 480 | 207 240 | Plant filing fee | |
| 108 690 | 208 345 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$ 710.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 35 | -20** = 15 | 18 | 270 |
| Independent Claims | 14 | -3** = 11 | 880 |
| Multiple Dependent | | | 0 |

**or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code | Small Entity Fee Code | Fee Description |
|-----------------------|-----------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 78 | 202 39 | Independent claims in excess of 3 |
| 104 260 | 204 130 | Multiple dependent claim, if not paid |
| 109 78 | 209 39 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 1,150.00)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Name (Print/Type) Melvin Kraus
Signature

Registration No. 22,466
(Attorney/Agent)

Complete (if applicable)

Telephone 703-312-6600
Date Dec. 8, 2000

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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520.32696CX4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): I. ARAI, et al

Serial No.: Continuing Application of Serial No.
09/265,363)

Filed: December 8, 2000

For: INFORMATION OUTPUT SYSTEM



LETTER

Commissioner for Patents
Washington, D.C. 20231

December 8, 2000

Sir:

Applicants note that this continuation application only includes claims of the parent application Serial No. 09/265,363 which were indicated in the Office Action dated August 30, 2000 in such parent application as being allowed or objected to. Thus, this application only includes claims corresponding to claims 3, 9-16, 30, 30-38, and 54-62 of the parent application indicated by the Examiner as being allowed, as well as claims 28, 32, 40, 42-46 and 53 indicated as being objected to and allowable when written in independent form.

Additionally, although in the parent application, the Examiner indicated that claim 29 was rejected over art, claim 29 of the parent application depended from claim 3, which was indicated as being allowed, such that it is assumed that claim

29 should be allowed with its parent claim 3.

As an aid to the Examiner, attached hereto is a claim chart showing the present claim number of this application and the corresponding claim number of the parent application, wherein for ease of examination, dependent claims have been presented following the parent claim. As is apparent from this claim chart, only the claims indicated as allowed or objected to in the parent application, which were canceled from the parent application, other than for claim 29, appear in this application, and applicants submit that such claims should be in condition for allowance.

Accordingly, issuance of an action of a favorable nature is courteously solicited.

To the extent necessary, applicant's petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (520.32696CX4) and please credit any excess fees to such deposit account.

Respectfully submitted,



Melvin Kraus

Registration No. 22,466

ANTONELLI, TERRY, STOUT & KRAUS, LLP

MK/cee
(703) 312-6600

Claim Chart

| Present Claim Number of the continuing application | Parent Claim Number of Serial No. 09/265,363 |
|---|---|
|---|---|

| | |
|----|----|
| 1 | 3 |
| 2 | 29 |
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